

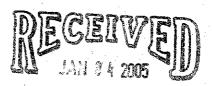
## STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd \* Richland, WA 99352 \* (509) 372-7950

December 17, 2004

Mr. Joel B. Hebdon, Director Regulatory Compliance and Analysis Division United States Department of Energy P.O. Box 550, MSIN: A5-15 Richland, Washington 99352

Mr. Roby D. Enge, Director Environmental, Safety, Health and Quality Pacific Northwest National Laboratories P.O. Box 999, MSIN: J2-38 Richland, Washington 99352



**EDMC** 

Dear Messrs. Hebdon and Enge:

Re: Modification Notification Forms for Class 1 Modifications

Reference: Department of Energy, Richland Operations Office Letter Dated May 28, 2004,

Modification of Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit to Address Procedural Closure of the Radioactive Liquid Waste

Tank (RLWT)

Reference: Ecology Letter Dated December 18, 2003, Modification of Hanford Facility

Resource Conservation and Recovery Act (RCRA) Permit to Address Procedural Closure of the Radioactive Liquid Waste Tank (RLWT) Within the 325 Hazardous

Treatment Unit

Reference: Ecology Letter Dated March 22, 2004, Final Decision for Procedural Closure of

Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit to Address Procedural Closure of the Radioactive Liquid Waste Tank (RLWT) Within

the 325 Hazardous Waste Treatment Unit

Enclosed are Modification Notification Forms indicating those modifications that the Washington State Department of Ecology (Ecology) has evaluated and approved/denied for Class 1 Modifications. These modifications are reflected accurately in the Hanford Facility RCRA Permit, Revision 8.

Messrs. Hebdon and Enge December 17, 2004 Page 2

This letter is to close out all paperwork in regards to the RLWT System procedural closure located within the 325 Hazardous Waste Treatment Unit. Ecology wishes to submit this letter and signed forms to correctly identify agreements made previously and incorporated into the issuance of Revision 8 of the Hanford Facility RCRA Permit. If you have any questions or comments regarding this letter, please contact me at (509) 372-7894.

Sincerely,

Greta P. Davis

Hanford Sitewide RCRA Permit Coordinator

Greta P. Wavis

Nuclear Waste Program

GD:nc

Enclosures (7)

cc w/enc:

Anthony McKarns, USDOE

Eugene Grohs, PNNL Harold Tilden, PNNL Stuart Harris, CTUIR Pat Sobotta, NPT Russell Jim, YN Todd Martin, HAB Ken Niles, ODOE

Hanford Facility Operating Record, HF RCRA Permit

Administrative Record: 325 Hazardous Waste Treatment Units (T-3-4)

Environmental Portal

### Hanford Facility RCRA Permit Modification Notification Forms

#### Part III, Chapter 6 and Attachment 36

#### 325 Hazardous Waste Treatment Units

**April 2004** 

Page 1 of 7

# Index Page 2 of 7: Hanford Facility RCRA Permit, III.6 Page 3 of 7: Chapter 1.0 - accepted with new change, Page 4 of 7: Chapter 3.0 - denied Page 5 of 7: Chapter 4.0 - denied Page 6 of 7: Chapter 6.0 - denied

Chapter 11.0 - demied

Page 7 of 7:

Hanford Facility RCRA Permit Modification Notification Form				
Unit: Permit Part & Chapter.				
325 Hazardous Waste Treatment Units Part III, Chapter 6 and Attachment 36			nt 36	
Description of Modi	fication:			
Hanford Facility RC	RA Permit, III.6:	· · · · · · · · · · · · · · · · · · ·		
· -	OMPLIANCE WITH APPROVED PERMI	•		
The Permittees shall Condition III.6.B. A	comply with all requirements set forth in All subsections, figures, and tables included	Attachment 36, including the A in these portions are enforceab	mendments spe le.	ecified in
ATTACHMENT 36		· · · · · · · · · · · · · · · · · · ·		
	rt A, <del>Form 3, Dangerous Waste</del> Permit, Re o <u>ril 2004for quarter ending December 31, 2</u>		ification <u>dated</u>	
Chapter 2.0 Ur	nit Description, from Class 1 Modification	for quarter ending December 3	1, 2002	
1 1	aste Analysis Plan, from Class 1 Modificat seember 31, 2003	ion dated April 2004for quarter	ending	
	Process Information from Class 1 Modification dated April 2004for quarter ending  December 31, 2003			
	Procedures to Prevent Hazards, from Class 1 Modification dated April 2004for quarter ending  December 31, 2003			
Chapter 7.0 Co	ontingency Plan, from Class 1 Modification	n for quarter ending December	31, 2003	
Chapter 8.0 Pe	rsonnel Training, from Class 1 Modification	on for quarter ending December	31, 2002	
ſ *	Chapter 11.0 Closure and Financial Assurance, from Class 1 Modification dated April 2004 for quarter ending December 31, 2003			
III.6.B. <u>AN</u>	MENDMENTS TO THE APPROVED PER	RMIT APPLICATION		
6	Portions of DOE/RL-94-02 that are not made enforceable by inclusion in the applicability matrix for that document, are not made enforceable by reference in this document.			
III.6.B.2 Permittees must comply with all applicable portions of the RCRA Permit for the Hanford Facility.  The facility and unit-specific recordkeeping requirements are distinguished in the RCRA Permit,				ermit,
Attachment 33, General Information Portion, Table 12.1 (DOE/RL-91-28) and are tied to the associated Sitewide RCRA Permit conditions.				
Denned				
Modification Class: 123 Class 1 Class 2 Class 3 Please check one of the Classes: X				
Relevant WAC 173-303-830, Appendix I Modification:  A.1.				
Enter wording of the modification from WAC 173-303-830, Appendix I citation				
A. General Permit Provisions				
1. Administra	tive and informational changes			
Submitted by Co-Ope	erator: Reviewed by RL Program Office:	Reviewed by Ecology:	Reviewed by E	cology:
Mink. Shuhu	3/30/08 July 9. The 3/31/04			
A. K. Ikenberry	Date H.E. Bilson Date	F. C. Jamison Date	G. P. Davis	Date

<sup>&</sup>lt;sup>1</sup>Class I modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>&</sup>lt;sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should

				Page 3 of 7
Hanford Facility RCRA Permit Modific			Ol 1	
Unit:	Permit Part & Chapter: Part III, Chapter 6 and Attachment 36		. 20	
325 Hazardous Waste Treatment Units	Part III, C	Mapter 6 and	Attachmen	1.30
Description of Modification:	. 10			
Chapter 1.0: Remove Chapter 1.0 and replace with attached Ch	napter 1.0.		· · · · · · · · · · · · · · · · · · ·	
	e e			
	•			
	•			
		1	•	
	·		•	
	•			
Editorial error on f Part A documentation	1	1	nha	16.1
I ditail orror on 1	arm 0	nly	CAMP	
amount of		Robersa	(m) 4	$-\Delta$ .
Do + A Norumentalion	U/W/	Jerpica.		
1 fam 11 and				
				`
				:
	υ *		٠	
			•	•
			•	
			•	
	•			
			_	
Programme and the second secon				
				, '
				}
Modification Class: 123	Class 1	Class 1	Class 2	Class 3
Please check one of the Classes:	X			
Relevant WAC 173-303-830, Appendix I Modification:	A.1.			
Enter wording of the modification from WAC 173-303-830, Append	ix I citation			
A. General Permit Provisions 1. Administrative and informational changes				
Submitted by Co-Operator: Reviewed by RL Program Office:	Reviewed by Eco	logy:	Reviewed by	Ecology:
1/		- 1	1011.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Think levery 3/3/04 telen 7/h 3/1/64	· · · · · · · · · · · · · · · · · · ·		1.40	May 1215-
A. K. Ikenberry Date M.H.E. Bilson Date	F. C. Jamison	Date	G. P. Davis	Date

<sup>&</sup>lt;sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>&</sup>lt;sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>&</sup>lt;sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should

	Page 4 of 7		
Hanford Facility RCRA Permit Modif	ication Notification Form		
Unit: 325 Hazardous Waste Treatment Units	Permit Part & Chapter: Part III, Chapter 6 and Attachment 36		
Description of Modification:			
Chapter 3.0: Remove Chapter 3.0 and replace with attached C	Chapter 3.0.		
Served			
21 10 10 123	China Chanala Chana		
Modification Class: <sup>123</sup> Please check one of the Classes:	Class 1 Class 1 Class 2 Class 3		
Relevant WAC 173-303-830, Appendix I Modification:	A.1.		
Enter wording of the modification from WAC 173-303-830. Appen			
A. General Permit Provisions			
1. Administrative and informational changes  Submitted by Co-Operator: Reviewed by RL Program Office:	Reviewed by Ecology: Reviewed by Ecology:		
Mink cluby 3/3yoy talentithe 3/3/04	E.C. Iamison Date G. P. Dovis Date		

<sup>&</sup>lt;sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>&</sup>lt;sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>&</sup>lt;sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should

Unit: 325 Hazardous Waste Treatment Units Part III, Chapter 6 and Attachment 36  Description of Modification: Chapter 4.0: Remove Chapter 4.0 and replace with attached Chapter 4.0.  Modification Class:    Class 1   Class 2   Class 3   X	Hanford Facility RCRA Permit Modif	ication Notification Form
Modification Class: 125  Modification Class: 125  Please check one of the Classes: Relevant WAC 173-303-830, Appendix 1 Citation A. General Permit Provisions 1. Administrative and informational changes		Permit Part & Chapter:
Modification Class: 125  Please check one of the Classes: Relevant WAC 173-303-830, Appendix I Modification: A. I. Enter wording of the modification from WAC 173-303-830, Appendix I citation A. General Permit Provisions 1. Administrative and informational changes	325 Hazardous Waste Treatment Units	Part III, Chapter 6 and Attachment 36
Modification Class: 23 Class 1 Class 1 Class 2 Class 3  Please check one of the Classes: X  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes	Description of Modification:	
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes	Chapter 4.0: Remove Chapter 4.0 and replace with attached C	hapter 4.0.
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes	~ w	, ·
Modification Class: 123 Class 1 Class 2 Class 3  Please check one of the Classes: X Class 2 Class 3  Relevant WAC 173-303-830, Appendix I Modification: A.1.  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes	$\mathcal{N}^r$	
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Please check one of the Classes:  Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Relevant WAC 173-303-830, Appendix I Modification:  Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		
Enter wording of the modification from WAC 173-303-830, Appendix I citation  A. General Permit Provisions  1. Administrative and informational changes		ارس از در در از از در در از در
A. General Permit Provisions     1. Administrative and informational changes		
	A. General Permit Provisions	
Submitted by Co-Operator: Reviewed by RL Program Office: Reviewed by Ecology: Reviewed by Ecology:		
	Submitted by Co-Operator: Reviewed by RL Program Office:	Reviewed by Ecology: Reviewed by Ecology:
A. V. W. L. 2/2001 Hilly & Illa 2 hills	A-Value 2/2001 Helichill 2/2/201	
A. K. Ikenherry Date M.H.E. Bilson Date F. C. Jamison Date G. P. Davis Date	A K Thenberry Data White Bilean Data	F.C. Jamison Date G.P. Davis De

<sup>&</sup>lt;sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should

Hanford Facility RCRA Permit Modification Notification Form				
Unit: 325 Hazardous Waste Treatment Units		Permit Part	& Chapter. nd Attachment	36
	T dit in,	Onaptor o a		
Description of Modification:	Chantan 6 0		•	,
Chapter 6.0: Remove Chapter 6.0 and replace with attached	Chapter 6.0.			
		1		
		:	•	
		+		. •
·		*		٠.
			•	
	e e			•
		4		
		,		•
$\mathcal{M}_{i}$				
_ 1 100	*			
Derred				
	•			
. The second of $\mathbf{v}$				
	•			
			• .	•
	•		•	
	4			
	•			
				•
			•	4. <u>-</u> .
			•	
	Cl 1	0111	C12	Olera 2
Modification Class: 123	Class 1 X	Class 1	Class 2	Class 3
Please check one of the Classes:	<u> </u>	<u> </u>		
Relevant WAC 173-303-830, Appendix I Modification:	A.1.	· · ·	····	
Enter wording of the modification from WAC 173-303-830, Appel A. General Permit Provisions	naix i chanon		•	
A. General Permit Provisions     Administrative and informational changes				• .
Submitted by Co-Operator:   Reviewed by RL Program Office:	Reviewed by Ec	ology:	Reviewed by I	Ecology:
	12.12.13.23, 20			- ·
Air Klink 3/2020 later 4 th 3/21/04				
A. K. Ikenberry Date M. H.E. Bilson Date	F. C. Jamison	Date	G. P. Davis	Date
11. 12. Inditionly Date [G] 11.12. Dison Date	1.0.041110011			1,7 (4)

<sup>&</sup>lt;sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>&</sup>lt;sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should

Hanford Facility RCRA Permit Mo	Page 7 dification Notification Form	
Unit:	Permit Part & Chapter:	
325 Hazardous Waste Treatment Units Part III, Chapter 6 and Attachment 36		
Description of Modification:		
Chapter 11.0: Remove Chapter 11.0 and replace with attac	hed Chapter 11.0.	
•		
$\wedge$		
Comed		
C No		
$\mathcal{M}'$		
$\mathcal{W}$		
Modification Class: 123	Class 1 Class 1 Class 2 Clas	
Please check one of the Classes:	X	
Relevant WAC 173-303-830, Appendix I Modification:	A.1.	
Enter wording of the modification from WAC 173-303-830, App	endix I citation	
General Permit Provisions     Administrative and informational changes		
Submitted by Co-Operator: Reviewed by RL Program Office	Reviewed by Ecology: Reviewed by Ecology	
. The state of the	Tanion and an among the	
Fin K. levly 3/3/04 Kuling 1/h Blado		
A. K. Ikenberry Date H.E. Bilson Date	F. C. Jamison Date G. P. Davis I	

<sup>&</sup>lt;sup>1</sup>Class 1 modifications requiring prior Agency approval.

<sup>&</sup>lt;sup>2</sup> This is only an advanced notification of an intended Class <sup>1</sup>1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.

<sup>&</sup>lt;sup>3</sup> If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should